

**STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION**

Central Illinois Light Company )

)  
Petition requesting the Illinois  
)  
Commerce Commission to enter an  
)  
order approving delivery services tariffs  
)  
of Central Illinois Light Company,  
)  
including revisions to the existing rates,  
)  
riders, terms and conditions applicable  
)  
to non-residential delivery services and  
)  
new rates, riders, terms and conditions  
)  
applicable to residential delivery  
)  
services.  
)

Docket No. 01-0637

Direct Testimony of

**Maurice Brubaker**

On behalf of

**Illinois Industrial Energy Consumers**

Project 7712  
November 28, 2001



**OFFICIAL FILE**

BRUBAKER & ASSOCIATES, INC. C. C. DOCKET NO. 01-076570530/0637  
ST. LOUIS, MO 63141-2000 IIEC Exhibit No. 2 Revised

Witness \_\_\_\_\_

Date 1-9-02

Reporter CB

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Docket No. 01-0637

**Direct Testimony of Maurice Brubaker**

1    **Q     PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2    A     Maurice Brubaker. My business address is 1215 Fern Ridge Parkway, Suite 208,  
3           St. Louis, Missouri 63141-2000.

4    **Q     WHAT IS YOUR OCCUPATION?**

5    A     I am a consultant in the field of public utility regulation and president of Brubaker &  
6           Associates, Inc. (BAI), energy, economic and regulatory consultants.

7    **Q     PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND EXPERIENCE.**

8    A     This information is included in Appendix A to my testimony.

**Q ON WHOSE BEHALF ARE YOU APPEARING IN THIS PROCEEDING?**

A I am appearing on behalf of the Illinois Industrial Energy Consumers (IIEC). IIEC members purchase substantial quantities of power from Central Illinois Light Company (CILCO or Company) and are eligible for delivery service.

**Q WHAT IS THE INTEREST OF IIEC IN THIS PROCEEDING?**

A IIEC member companies participating in this proceeding would face substantial increases in the cost of delivery service should the proposals of CILCO be accepted.

**Q IN WHAT RATE CATEGORIES ARE IIEC MEMBER COMPANIES SERVED?**

A Referring to CILCO Exhibit 4.1, sponsored by Ms. Vickiren Bilsland, participating companies are eligible for delivery service under several different categories.

First, these companies have all four of the accounts listed as "Rate 23 ISO Transmission", which constitutes almost 24% of total kWh throughput for CILCO. According to CILCO's response to IIEC's First Set of Data Requests, Question No. 2, customers in this category would see an increase of approximately 80% in charges for distribution delivery service under the rates proposed by CILCO.

These customers also take service at the subtransmission voltage level under current Rates 21 and 32. These customers would be served under the Rate N5, Subtransmission, under CILCO's proposed tariffs. According to CILCO's response to Question No. 2 of IIEC's First Set of Data Requests, Rate 21 Subtransmission level service customers would, on average, experience an increase of over 30% under CILCO's tariffs, while Rate 32 customers would receive a decrease.

1 IIEC member companies also have a number of accounts served at the  
2 primary service voltage level under Rate 21 in the current tariffs, and would be served  
3 on Rate N4 under CILCO's proposed tariffs.

4 **Q WHAT IS THE SUBJECT MATTER OF YOUR TESTIMONY?**

5 A I will address the allocation of various claimed revenue requirement components  
6 among the distribution service classes. My colleague, Mr. Alan Chalfant, will address  
7 several revenue requirement-related issues, including the allocation/assignment of  
8 General Plant investment and Administrative and General expenses.

9 I will first discuss the allocation of selected revenue requirement items among  
10 customer classes and, using CILCO's class cost of service/rate design model, will  
11 determine the impact of the adjustments to the allocations that I propose be made.

12 Thereafter (after CILCO provides data responses and workpapers sufficient  
13 for Mr. Chalfant to complete his studies), I will provide additional model runs that  
14 incorporate Mr. Chalfant's adjustments to revenue requirement-related items, along  
15 with my suggested changes in allocation methodology.

16 On November 30, Mr. Chalfant will file his direct testimony and I will file  
17 supplemental direct testimony.

18 **Q PLEASE SUMMARIZE YOUR FINDINGS AND RECOMMENDATIONS.**

19 A My findings and recommendations may be summarized as follows:

- 20 1. CILCO has allocated costs associated with Account 908, Customer Assistance,  
21 using a 50% weighting of kWh requirements and number of customers.
- 22 2. CILCO's allocation of Account 908 costs disproportionately burdens large energy  
23 users because these costs are not a function of energy consumption.

- 1 3. A more appropriate allocation of these costs would be to use the same allocator  
2 that CILCO uses for Account 902, Meter Reading.
- 3 4. CILCO allocates costs associated with Black Start service using class kWh  
4 requirements.
- 5 5. Black Start service is essentially a reliability-related function, and not an energy  
6 function.
- 7 6. Costs associated with Black Start service should be allocated based on class  
8 demands, and not on the basis of class kWh requirements.

9 **Customer Assistance and Related Expenses**

10 **Q HAVE YOU REVIEWED HOW CILCO HAS ALLOCATED COSTS ASSOCIATED**  
11 **WITH ACCOUNT 908 – CUSTOMER ASSISTANCE?**

12 **A** Yes.

13 **Q WHAT KINDS OF EXPENSES ARE SUPPOSED TO BE INCLUDED IN ACCOUNT**  
14 **908?**

15 **A** Account 908 basically is for major costs associated with helping customers to  
16 understand their choices in the use of electricity, and figuring out how to use  
17 electricity more efficiently. Schedule 1 of IIEC Exhibit 2 is a replication of the Account  
18 908 instructions from the FERC Uniform System of Accounts, as published in the  
19 Code of Federal Regulations.

20 **Q WHAT AMOUNT OF DOLLARS IS AT ISSUE IN THIS ALLOCATION?**

21 **A** A significant amount of money is at stake. In calendar year 2000, CILCO recorded  
22 \$872,775 to Account 908, as shown in its Annual Report, and in Company WP C-1b.  
23 As shown in Company WP C-2.1a, page 3, a pro forma adjustment of \$500,000 is  
24 proposed. This brings the Account total to \$1,372,775. This pro forma adjustment is

1 intended to cover the cost of a new group that is intended to serve as the liaison  
2 between CILCO's transmission and distribution services personnel and third-party  
3 suppliers, or Retail Electric Suppliers (RES).

4 **Q ARE THERE ADDITIONAL COSTS THAT ARE ASSOCIATED WITH THIS**  
5 **CUSTOMER ASSISTANCE ACCOUNT?**

6 A Yes. In the class cost of service study, CILCO adds amounts related to depreciation  
7 of investment, other taxes, income taxes and over \$600,000 of Administrative and  
8 General expense loading. The total amount that ultimately is in this function,  
9 according to CILCO's class cost of service study, is ~~\$3,443,829~~ <sup>3,163,783</sup> ~~3,163,783~~

10 **Q HOW DOES CILCO ALLOCATE THIS COST ACROSS CUSTOMER CLASSES?**

11 A CILCO uses an allocation factor that is weighted 50% on the basis of total energy  
12 (kWh) requirements, and 50% based on the number of customers.

13 **Q IS THIS A REASONABLE BASIS FOR THE ALLOCATION OF THESE COSTS?**

14 A No. The number of kWh of energy required has little or nothing to do with the need  
15 for these services. In fact, the large customers are the least likely to require these  
16 services, and the least likely to benefit from them. Large customers are the most  
17 likely to be sophisticated about their energy options and the need for services, and  
18 should require minimal assistance from CILCO.

19 The 50% energy/50% customer allocation factor employed by CILCO  
20 allocates ~~\$375,512~~ <sup>315,117</sup> out of the total of ~~\$3,443,829~~ <sup>3,163,783</sup> to Rate 23 customers, or 11.88% of  
21 total expenses. Yet, these customers represent only 4 out of a total of approximately  
22 202,000 customers, or only about 0.0020% of the total customer count. The fact that

1 these customers constitute such a large percentage of total kWh requirements  
2 causes them, under CILCO's allocation, to be allocated about 6,000 times as much  
3 cost as they would be allocated if costs were allocated strictly on the basis of number  
4 of customers.

5 **Q DOES CILCO PROVIDE ANY RATIONALE FOR ITS ALLOCATION METHOD?**

6 A No, CILCO does not provide any discussion or supporting rationale for its selected  
7 allocation of Account 908 costs.

8 **Q WOULD AN ALLOCATION STRICTLY ON THE BASIS OF NUMBER OF**  
9 **CUSTOMERS BE APPROPRIATE?**

10 A No, probably not. An allocation that recognizes the greater complexity of industrial  
11 transactions would be appropriate. Among the allocation factors employed by CILCO  
12 in its cost of service study, I believe the factor employed for allocation of Account 902  
13 (Meter Reading) costs would be appropriate, as it recognizes the additional  
14 complexity associated with service to the larger customers (Rate 23 as well as large  
15 customers in other accounts) as compared to an individual residential customer. The  
16 Account 902 allocation factor attributes approximately 0.14% of costs to Rate 23  
17 customers, and should be used instead of CILCO's proposed allocation.

18 **Q ARE YOU FAMILIAR WITH HOW ILLINOIS POWER COMPANY (IP) AND**  
19 **COMMONWEALTH EDISON COMPANY (EDISON) ALLOCATE COSTS IN**  
20 **ACCOUNT 908?**

21 A Yes. I have reviewed the allocation of these costs in the currently pending delivery  
22 service rate cases of both IP and Edison.

1           In Docket No. 01-0432, IP allocates costs in Account 908 using a factor that  
2           closely parallels an allocation based strictly on the number of customers. In its  
3           currently pending delivery service rate case, Docket No. 01-0423, Edison allocates  
4           costs in Account 908 using an allocation factor based on the number of customers.  
5           These allocations correspond much more closely to what I have recommended than  
6           to what CILCO has included in its cost of service study.

7    **Allocation of Cost of Black Start Service**

8    **Q     HOW HAS CILCO PROPOSED TO ALLOCATE THE COST OF BLACK START**  
9       **SERVICE?**

10   **A     CILCO proposes to allocate these costs to customer classes using class kWh**  
11       **requirements as the basis.**

12   **Q     DO YOU AGREE WITH THIS ALLOCATION METHODOLOGY?**

13   **A     No. Black Start service is a reliability-related function, not an energy-related function.**  
14       **It represents the cost of certain combustion turbine units that CILCO has refurbished.**  
15       **The intended purpose of these units is to provide a means of restarting the utility**  
16       **system in the event of a widespread loss of generation. Costs are essentially fixed in**  
17       **nature, and are obviously reliability related. Accordingly, it would be more**  
18       **appropriate to allocate these costs using customer class demands, rather than class**  
19       **kWh sales.**



1    **Q     HAVE YOU DEVELOPED AN ALLOCATION METHOD FOR BLACK START**  
2       **SERVICE?**

3    **A     Yes. Schedule 2 of IIEC Exhibit 2 shows the development of this factor. It is based**  
4       **on class demands at generation taken from CILCO Exhibit 4.2.**

5    **Q     HAVE YOU PREPARED AN ANALYSIS TO SHOW THE IMPACT OF THESE**  
6       **ALTERNATIVE ALLOCATIONS ON EACH CUSTOMER CLASS AND ON RATE**  
7       **DESIGN?**

8    **A     Yes. I ran CILCO's class cost of service/rate design model to make this**  
9       **determination. Schedule 3 of IIEC Exhibit 2 is a summary of the results of the**  
10      **Company's class cost of service study, which shows the result of the alternative**  
11      **allocations of Account 908 and Black Start costs. Schedule 4 is a copy of the rate**  
12      **design section of the Company's class cost of service model, which flows through the**  
13      **change in revenue requirement to rate design.**

14    **Other Allocations**

15    **Q     DO YOU HAVE COMMENTS WITH RESPECT TO ANY OTHER ALLOCATIONS**  
16      **OR ASSIGNMENTS IN THE COST OF SERVICE STUDY?**

17    **A     Not at this time. However, extensive workpapers were received from CILCO late in**  
18      **the day on Wednesday, November 21, 2001, just prior to the commencement of the**  
19      **Thanksgiving holiday weekend. At this point in time, these workpapers are still being**  
20      **reviewed. Further review of these workpapers may produce additional comments, or**  
21      **suggest the need for adjustment of other aspects of the class cost of service study.**  
22      **Accordingly, I reserve the right to submit additional testimony addressing these**

1 issues, as well as to incorporate the results of Mr. Chalfant's analysis concerning  
2 revenue requirement-related issues.

3 **Q DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

4 **A** Yes, at this time.

**Qualifications of Maurice Brubaker**

1    **Q     PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2    A     Maurice Brubaker. My business mailing address is P. O. Box 412000, 1215 Fern  
3     Ridge Parkway, Suite 208, St. Louis, Missouri 63141-2000.

4    **Q     PLEASE STATE YOUR OCCUPATION.**

5    A     I am a consultant in the field of public utility regulation and President of the firm of  
6     Brubaker & Associates, Inc., energy, economic and regulatory consultants.

7    **Q     PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND EXPERI-**  
8     **ENCE.**

9    A     I was graduated from the University of Missouri in 1965, with a Bachelor's Degree in  
10    Electrical Engineering. Subsequent to graduation I was employed by the Utilities  
11    Section of the Engineering and Technology Division of Esso Research and  
12    Engineering Corporation of Morristown, New Jersey, a subsidiary of Standard Oil of  
13    New Jersey.

14            In the Fall of 1965, I enrolled in the Graduate School of Business at  
15    Washington University in St. Louis, Missouri. I was graduated in June of 1967 with  
16    the Degree of Master of Business Administration. My major field was finance.

17            From March of 1966 until March of 1970, I was employed by Emerson Electric  
18    Company in St. Louis. During this time I pursued the Degree of Master of Science in  
19    Engineering at Washington University, which I received in June, 1970.

20            In March of 1970, I joined the firm of Drazen Associates, Inc., of St. Louis,  
21    Missouri. Since that time I have been engaged in the preparation of numerous

1 studies relating to electric, gas, telephone and water utilities. These studies have  
2 included analyses of the cost to serve various types of customers, the design of rates  
3 for utility services, cost forecasts, cogeneration rates and determinations of rate base  
4 and operating income.

5 I have testified before the Federal Energy Regulatory Commission (FERC),  
6 various courts and legislatures, and the state regulatory commissions of Alabama,  
7 Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia,  
8 Guam, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Michigan, Missouri, New  
9 Jersey, New Mexico, New York, North Carolina, Ohio, Pennsylvania, Rhode Island,  
10 South Carolina, South Dakota, Texas, Utah, Virginia, West Virginia, Wisconsin and  
11 Wyoming.

12 The firm of Drazen-Brubaker & Associates, Inc. was incorporated in 1972 and  
13 assumed the utility rate and economic consulting activities of Drazen Associates, Inc.,  
14 founded in 1937. In April, 1995 the firm of Brubaker & Associates, Inc. was formed.  
15 It includes most of the former DBA principals and staff. Our staff includes consultants  
16 with backgrounds in accounting, engineering, economics, mathematics, computer  
17 science and business.

18 We have prepared many studies relating to electric, steam, gas and water  
19 properties, including cost of service studies in connection with rate cases and  
20 negotiation of contracts for substantial quantities of gas and electricity for industrial  
21 use. In these cases, it was necessary to analyze property records, depreciation  
22 accrual rates and reserves, rate base determinations, operating revenues, operating  
23 expenses, cost of capital and all other elements relating to cost of service.

24 During the past five years, Brubaker & Associates, Inc. and its predecessor  
25 firm has participated in over 500 major utility rate cases and statewide generic investi-

1       gations before utility regulatory commissions in 40 states, involving electric, gas,  
2       water, and steam rates. Rate cases in which the firm has been involved have  
3       included more than 80 of the 100 largest electric utilities and over 30 gas distribution  
4       companies and pipelines.

5               In addition to our main office in St. Louis, the firm also has branch offices in  
6       Kerrville, Texas; Plano, Texas; Denver, Colorado; Asheville, NC; and Chicago,  
7       Illinois.

**Description for Account 908**

**908 Customer assistance expenses (Major only).**

This account shall include the cost of labor, materials used and expenses incurred in providing instructions or assistance to customers, the object of which is to encourage safe, efficient and economical use of the utility's service.

ITEMS

Labor:

1. Direct supervision of departments.
2. Processing customer inquiries relating to the proper use of electric equipment, the replacement of such equipment and information related to such equipment.
3. Advice directed to customers as to how they may achieve the most efficient and safest use of electric equipment.
4. Demonstrations, exhibits, lectures, and other programs designed to instruct customers in the safe, economical or efficient use of electric service, and/or oriented toward conservation of energy.
5. Engineering and technical advice to customers, the object of which is to promote safe, efficient and economical use of the utility's service.

Materials and Expenses:

6. Supplies and expenses pertaining to demonstrations, exhibits, lectures, and other programs.
7. Loss in value on equipment and appliances used for customer assistance programs.
8. Office supplies and expenses.
9. Transportation, meals, and incidental expenses.

Note.—Do not include in this account expenses that are provided for elsewhere, such as accounts 416, Costs and Expenses of Merchandising, Jobbing and Contract Work, 587, Customer Installations Expenses, and 912, Demonstrating and Selling Expenses.

## CENTRAL ILLINOIS LIGHT COMPANY

### Non-Coincident Peak by Rate Class

Line	<u>Cost of Service Rate Classes</u>	NCP at Generation	Percent
		<u>MW</u> (1)	
1	Residential - Rate 1	545,541	34.67%
2	Large Residential - Rate 2	4,088	0.26%
3	Outdoor Lighting - Rate 7	4,135	0.26%
4	Water Heating - Rate 15	3	0.00%
5	Street Lighting - Rate 29	5,754	0.37%
	General Service - Rate 13:		
6	Secondary Service	301,052	19.13%
7	Primary Service	<u>267,807</u>	<u>17.02%</u>
8	Total General Service	568,859	36.16%
	Intermediate Service - Rate 21:		
9	Secondary Service	8,607	0.55%
10	Primary Service	87,162	5.54%
11	Subtransmission Service	<u>71,634</u>	<u>4.55%</u>
12	Total Intermediate Service	167,403	10.64%
13	Limited Off Peak - Rate 22	2,498	0.16%
14	Large Power - Rate 23	253,933	16.14%
15	Contract - Subtransm - Rate 32	8,965	0.57%
16	Contract - Riverton - Rate 470	6,406	0.41%
17	Contract - Cornbelt - Rate 489	5,732	0.36%
18	Total	1,573,317	100.00%

CENTRAL ILLINOIS LIGHT COMPANY  
COST OF SERVICE STUDY  
FOR THE 12 MONTHS ENDING DECEMBER 31, 2000  
ELECTRIC DISTRIBUTION

	TOTAL COMPANY (1)	RESIDENTIAL RATE 1 DST (2)	LARGE RESIDENTIAL RATE 2 DST (3)	OUTDOOR LIGHTING RATE 7 DST (4)	WATER HEATING RATE 15 DST (5)	STREET LIGHTING RATE 29 DST (6)
CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT						
RATE OF RETURN	9.84%	9.84%	9.84%	9.84%	9.84%	9.84%
REVENUES REQUIRED						
1 DEMAND COMPONENTS	84,343,138	39,673,275	298,341	79,310	95	177,987
2 DEMAND PRODUCTION	(0)	0	0	0	0	0
3 DEMAND TRANSMISSION	(0)	0	0	0	0	0
4 DEMAND TRANSMISSION OTHER	(0)	0	0	0	0	0
5 DEMAND TRANSM LOAD DISPATCHING	(0)	0	0	0	0	0
6 DEMAND DISTRIBUTION	84,343,138	39,673,275	298,341	79,310	95	177,987
7 DEMAND SUBTRANSMISSION	7,094,993	2,852,901	22,128	7,169	9	16,089
8 DEMAND SUBTRANSM SUBSTATIONS	4,479,929	2,005,385	15,028	5,260	6	11,804
9 DEMAND DIRECT ASSIGN SUBSTATIONS	1,477,529	0	0	0	0	0
10 DEMAND DISTR PRIMARY SUBSTATIONS	9,132,685	4,127,078	30,927	10,824	13	24,292
11 DEMAND DISTRIBUTION PRIMARY	39,557,866	17,783,016	133,259	26,478	32	59,422
12 DEMAND DISTRIBUTION SECONDARY	12,346,946	7,890,996	59,132	14,888	18	33,407
13 DEMAND DISTRIB LOAD DISPATCHING	1,166,981	449,899	4,416	2,984	4	6,697
14 DEMAND DISTRIB ADD'L FACILITIES REV	(149,505)	0	0	0	0	0
15 DEMAND DISTRIBUTION TRANSFORMERS	9,233,715	4,464,002	33,451	11,708	14	26,276
16 DEMAND DISTRIBUTION SERVICES	(0)	0	0	0	0	0
17 ENERGY COMPONENTS	(0)	0	0	0	0	0
18 CUSTOMER COMPONENTS	27,714,215	20,934,277	61,605	669,486	1,205	1,670,085
19 370 - METERS SINGLE PHASE SEC	1,627,159	1,300,550	10,156	0	529	0
20 370 - METERS SECONDARY	545,407	141,343	2,849	(0)	0	(0)
21 370 - METERS PRIMARY	19,064	0	0	0	0	0
22 370 - METERS PRIMARY SUBSTATION	6,901	0	0	0	0	0
23 370 - METERS SUBTRANSMISSION	2,559	0	0	0	0	0
24 370 - METERS TRANSMISSION	2,157	0	0	0	0	0
25 902 - METER READING	2,916,187	2,498,140	5,370	0	22	0
26 903 - CUST RECORDS & COLL	7,680,323	6,829,633	14,573	0	311	3,727
27 904 - UNCOLLECTIBLE ACCOUNTS	269,710	215,350	460	0	0	0
28 908 - CUSTOMER ASSISTANCE	3,163,783	2,710,242	5,826	0	24	0
29 909 - INFORMATION & INSTRUCT	(0)	0	0	0	0	0
30 CUSTOMER BLACK START	82,579	28,658	215	217	0	302
31 CUST MTR REG OBLIGATION	2,899,288	2,382,048	8,952	0	332	0
32 CUST METERS INSTR TRANSF	872,822	59,089	6,723	0	0	0
33 CUST SERVICES	6,123,661	5,645,899	6,352	0	0	0
34 373 - STR LIGHT & OUTDOOR LIGHT	2,335,306	0	0	669,269	0	1,666,037
35 CUSTOMER ADVANCES FOR CONSTR	(709,654)	(602,983)	(1,287)	0	0	0
36 CUSTOMER DEPOSITS	(5,521)	(4,407)	(9)	0	0	0
37 460 - LATE PAYMENT CHARGES	(317,510)	(269,273)	(575)	0	(12)	0
38						
39 TOTAL COMPANY	112,057,353	112,057,353	60,807,552	748,796	1,301	1,848,052
40 ANNUAL BOOKED KWH SALES	6,125,342,024	1,769,099,603	17,366,175	11,745,268	14,140	26,358,742
41 TOTAL ANNUAL BILLS	2,387,508	2,108,976	4,500	0	98	1,152
42 MONTHLY BILLING DEMANDS	14,330,009	0	0	0	0	0
43 METERS ACCT 370 @ 12/31/00	198,831	175,748	375	0	8	0



CENTRAL ILLINOIS LIGHT COMPANY  
COST OF SERVICE STUDY  
FOR THE 12 MONTHS ENDING DECEMBER 31, 2000  
ELECTRIC DISTRIBUTION

	GENERAL SERV SECOND RATE 13 DST (7)-2	GENERAL SERVICE PRI RATE 13 DST (8)	TOTAL GENERAL SERVICE (9)	INTERMEDIATE SERV SECOND RATE 21 DST (10)	INTERMEDIATE SERV PRIMARY RATE 21 DST (11)	INTERMEDIATE SERV SUBTRNS RATE 21 DST (12)	TOT INTERMDT SERVICE RATE 21 DST (13)
CLAIMED RATE OF RETURN SUMMARY SCHEDULE -							
RATE OF RETURN	9.84%	9.84%	9.84%	9.84%	9.84%	9.84%	9.84%
REVENUES REQUIRED							
1 DEMAND COMPONENTS	21,782,174	15,394,983	37,177,157	504,050	4,400,115	1,084,020	5,988,185
2 DEMAND PRODUCTION	0	0	0	0	0	0	0
3 DEMAND TRANSMISSION	0	0	0	0	0	0	0
4 DEMAND TRANSMISSION OTHER	0	0	0	0	0	0	0
5 DEMAND TRANSM LOAD DISPATCHING	0	0	0	0	0	0	0
6 DEMAND DISTRIBUTION	21,782,174	15,394,983	37,177,157	504,050	4,400,115	1,084,020	5,988,185
7 DEMAND SUBTRANSMISSION	1,628,011	1,448,229	3,076,240	48,542	471,349	387,378	905,268
8 DEMAND SUBTRANSM SUBSTATIONS	1,105,621	983,527	2,089,148	31,608	320,104	0	351,712
9 DEMAND DIRECT ASSIGN SUBSTATIONS	0	91,305	91,305	0	23,576	581,816	605,382
10 DEMAND DISTR PRIMARY SUBSTATIONS	2,275,363	1,989,162	4,264,525	65,048	806,713	0	871,761
11 DEMAND DISTRIBUTION PRIMARY	9,804,240	8,721,553	18,525,792	280,285	2,741,592	0	3,021,877
12 DEMAND DISTRIBUTION SECONDARY	4,350,507	0	4,350,507	0	0	0	0
13 DEMAND DISTRIB LOAD DISPATCHING	157,283	285,055	422,348	11,018	131,635	118,477	261,131
14 DEMAND DISTRIB ADD'L FACILITIES REV	0	(113,275)	(113,275)	(811)	(31,789)	(3,851)	(36,231)
15 DEMAND DISTRIBUTION TRANSFORMERS	2,461,139	2,009,428	4,470,566	70,359	138,914	(0)	207,274
16 DEMAND DISTRIBUTION SERVICES	0	0	0	0	0	(0)	0
17 ENERGY COMPONENTS	0	0	0	0	0	0	0
18 CUSTOMER COMPONENTS	2,299,003	1,362,985	3,661,988	63,201	328,835	118,789	508,805
19 370 - METERS SINGLE PHASE SEC	315,770	0	315,770	0	0	(0)	0
20 370 - METERS SECONDARY	107,222	263,844	371,066	5,607	14,233	863	20,703
21 370 - METERS PRIMARY	0	3,537	3,537	0	15,527	0	15,527
22 370 - METERS PRIMARY SUBSTATION	0	0	0	0	0	6,470	6,470
23 370 - METERS SUBTRANSMISSION	0	0	0	0	0	863	863
24 370 - METERS TRANSMISSION	0	0	0	0	0	0	0
25 902 - METER READING	230,295	88,732	319,027	10,809	56,307	15,505	82,420
26 903 - CUST RECORDS & COLL	629,552	245,214	874,767	17,643	93,747	25,822	137,213
27 904 - UNCOLLECTIBLE ACCOUNTS	53,900	0	53,900	0	0	0	0
28 908 - CUSTOMER ASSISTANCE	249,848	96,266	346,114	11,509	61,088	16,821	89,418
29 909 - INFORMATION & INSTRUCT	0	0	0	0	0	0	0
30 CUSTOMER BLACK START	15,798	14,054	29,852	452	4,574	3,759	8,785
31 CUST MTR REG OBLIGATION	355,971	143,972	499,943	310	1,846	453	2,409
32 CUST METERS INSTR TRANSF	0	549,381	549,381	3,203	83,085	46,214	132,501
33 CUST SERVICES	450,793	0	450,793	14,115	0	0	14,115
34 373 - STR LIGHT & OUTDOOR LIGHT	0	0	0	0	0	0	0
35 CUSTOMER ADVANCES FOR CONSTR	(76,066)	(29,308)	(105,374)	0	0	0	0
36 CUSTOMER DEPOSITS	(1,104)	(0)	(1,104)	0	0	0	0
37 450 - LATE PAYMENT CHARGES	(32,977)	(12,706)	(45,683)	(247)	(1,371)	0	(1,618)
38							
39 TOTAL COMPANY	112,057,353	24,081,177	16,757,969	40,839,145	567,251	4,728,950	1,200,788
40 ANNUAL BOOKED KWH SALES	619,104,040	1,046,715,895	1,665,819,935	43,368,239	531,100,888	0	482,876,641
41 TOTAL ANNUAL BILLS	184,592	74,976	259,568	132	732	204	1,068
42 MONTHLY BILLING DEMANDS	3,249,684	5,852,251	8,901,935	91,794	1,042,249	893,452	2,027,485
43 METERS ACCT 370 @ 12/31/00	16,218	6,248	22,464	13	69	19	101

CENTRAL ILLINOIS LIGHT COMPANY  
COST OF SERVICE STUDY  
FOR THE 12 MONTHS ENDING DECEMBER 31, 2000  
ELECTRIC DISTRIBUTION

	LIMITED OFF PEAK SEC RATE 22 DST (14)-3	LARGE POW TRANS RATE 23 DST (15)	TOTAL LARGE POWER RATE 23 DST (16)	CONTRACT SUBTRANS RATE 32 DST (17)	CONTRACT RIVERTON RATE 470 DST (18)	CONTRACT CORNBELT RATE 489 DST (19)
CLAIMED RATE OF RETURN SUMMARY SCHEDULE -						
RATE OF RETURN	9.84%	9.84%	9.84%	9.84%	9.84%	9.84%
REVENUES REQUIRED						
1 DEMAND COMPONENTS	36,329	745,505	745,505	56,778	74,088	36,090
2 DEMAND PRODUCTION	0	0	0	0	0	0
3 DEMAND TRANSMISSION	0	0	0	0	0	0
4 DEMAND TRANSMISSION OTHER	0	0	0	0	0	0
5 DEMAND TRANSM LOAD DISPATCHING	0	0	0	0	0	0
6 DEMAND DISTRIBUTION	36,329	745,505	745,505	56,778	74,088	36,090
7 DEMAND SUBTRANSMISSION	2,163	0	0	48,480	34,063	30,482
8 DEMAND SUBTRANS SUBSTATIONS	1,587	(0)	(0)	0	0	0
9 DEMAND DIRECT ASSIGN SUBSTATIONS	0	745,505	745,505	0	35,327	0
10 DEMAND DISTR PRIMARY SUBSTATIONS	3,268	0	0	0	0	0
11 DEMAND DISTRIBUTION PRIMARY	7,989	0	0	0	0	0
12 DEMAND DISTRIBUTION SECONDARY	0	0	0	0	0	0
13 DEMAND DISTRIB LOAD DISPATCHING	900	0	0	8,295	4,698	5,608
14 DEMAND DISTRIB ADD'L FACILITIES REV	0	0	0	0	0	0
15 DEMAND DISTRIBUTION TRANSFORMERS	20,423	0	0	0	0	0
16 DEMAND DISTRIBUTION SERVICES	0	0	0	0	0	0
17 ENERGY COMPONENTS	0	0	0	0	0	0
18 CUSTOMER COMPONENTS	67,377	110,784	110,784	6,070	5,836	16,737
19 370 - METERS SINGLE PHASE SEC	154	0	0	0	0	0
20 370 - METERS SECONDARY	9,448	0	0	0	0	0
21 370 - METERS PRIMARY	0	0	0	0	0	0
22 370 - METERS PRIMARY SUBSTATION	0	0	0	431	0	0
23 370 - METERS SUBTRANSMISSION	0	0	0	0	424	1,272
24 370 - METERS TRANSMISSION	0	2,157	2,157	0	0	0
25 902 - METER READING	3,105	4,079	4,079	815	802	2,406
26 903 - CUST RECORDS & COLL	6,678	6,777	6,777	1,363	1,340	3,943
27 904 - UNCOLLECTIBLE ACCOUNTS	0	0	0	0	0	0
28 908 - CUSTOMER ASSISTANCE	3,369	4,426	4,426	884	870	2,610
29 909 - INFORMATION & INSTRUCT	0	0	0	0	0	0
30 CUSTOMER BLACK START	131	13,325	13,325	470	330	296
31 CUST MTR REG OBLIGATION	5,368	119	119	24	23	70
32 CUST METERS INSTR TRANSF	34,978	79,881	79,881	2,082	2,047	6,140
33 CUST SERVICES	4,501	0	0	0	0	0
34 373 - STR LIGHT & OUTDOOR LIGHT	0	0	0	0	0	0
35 CUSTOMER ADVANCES FOR CONSTR	0	0	0	0	0	0
36 CUSTOMER DEPOSITS	0	0	0	0	0	0
37 450 - LATE PAYMENT CHARGES	(350)	0	0	0	0	0
38						
39 TOTAL COMPANY	112,057,353	103,708	856,269	62,846	79,924	52,827
40 ANNUAL BOOKED KWH SALES	3,543,882	0	1,497,054,669	33,885,878	19,651,612	23,456,354
41 TOTAL ANNUAL BILLS	2,064	48	48	12	12	12
42 MONTHLY BILLING DEMANDS	0	3,274,662	3,274,662	125,917	0	0
43 METERS ACCT 370 @ 12/31/00	225	5	5	1	1	3

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

	RESIDENTIAL RATE 1 DST (2)	LARGE RESIDENTIAL RATE 2 DST (3)	WATER HEATING RATE 15 DST (5)	R-1 DEVELOPMENT OF PROPOSED RATE	
CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT	9.84%	9.84%	9.84%	CUSTOMER	ENERGY
RATE OF RETURN	9.84%	9.84%	9.84%		
REVENUES REQUIRED					
1 DEMAND COMPONENTS	\$39,673,275	\$298,341	\$95		
2 DEMAND PRODUCTION	\$0	\$0	\$0		
3 DEMAND TRANSMISSION	\$0	\$0	\$0		
4 DEMAND TRANSMISSION OTHER	\$0	\$0	\$0		
5 DEMAND TRANSM LOAD DISPATCHING	\$0	\$0	\$0		
6 DEMAND DISTRIBUTION	\$39,673,275	\$298,341	\$95		
7 DEMAND SUBTRANSMISSION	\$2,952,901	\$22,128	\$9		2,975,038
8 DEMAND SUBTRANSM SUBSTATIONS	\$2,005,385	\$15,028	\$6		2,020,418
9 DEMAND DIRECT ASSIGN SUBSTATIONS	\$0	\$0	\$0		
10 DEMAND DISTR PRIMARY SUBSTATIONS	\$4,127,076	\$30,927	\$13		4,158,015
11 DEMAND DISTRIBUTION PRIMARY	\$17,783,016	\$133,259	\$32		17,816,307
12 DEMAND DISTRIBUTION SECONDARY	\$7,690,998	\$58,132	\$18		7,850,146
13 DEMAND DISTRIB LOAD DISPATCHING	\$449,899	\$4,416	\$4		454,319
14 DEMAND DISTRIB ADD'L FACILITIES REV	\$0	\$0	\$0		
15 DEMAND DISTRIBUTION TRANSFORMERS	\$4,464,002	\$33,451	\$14		4,487,468
16 DEMAND DISTRIBUTION SERVICES	\$0	\$0	\$0		0
17 ENERGY COMPONENTS	\$0	\$0	\$0		
18 CUSTOMER COMPONENTS	\$20,934,277	\$61,605	\$1,205		
19 370 - METERS SINGLE PHASE SEC	\$1,300,550	\$10,158	\$529	1,311,235	
20 370 - METERS SECONDARY	\$141,343	\$2,849	\$0	144,192	
21 370 - METERS PRIMARY	\$0	\$0	\$0		
22 370 - METERS PRIMARY SUBSTATION	\$0	\$0	\$0		
23 370 - METERS SUBTRANSMISSION	\$0	\$0	\$0		
24 370 - METERS TRANSMISSION	\$0	\$0	\$0		
25 902 - METER READING	\$2,488,140	\$5,370	\$22	2,503,532	
26 903 - CUST RECORDS & COLL	\$6,829,633	\$14,573	\$311	6,844,516	
27 904 - UNCOLLECTIBLE ACCOUNTS	\$215,350	\$480	\$0	215,809	
28 908 - CUSTOMER ASSISTANCE	\$2,710,242	\$5,826	\$24	2,716,092	
29 909 - INFORMATION & INSTRUCT	\$0	\$0	\$0	0	
30 CUSTOMER BLACK START	\$28,656	\$215	\$0	28,871	
31 CUST MTR REG OBLIG	\$2,382,048	\$8,952	\$332	2,391,331	
32 CUST METERS INSTR TRANSF	\$59,089	\$6,723	\$0	65,812	
33 CUST SERVICES	\$5,645,899	\$8,352	\$0	5,654,251	
34 373 - STR LIGHT & OUTDOOR LIGHT	\$0	\$0	\$0	0	
35 CUSTOMER ADVANCES FOR CONSTR	(\$602,993)	-\$1,287	\$0		(604,280)
36 CUSTOMER DEPOSITS	(\$4,407)	-\$9	\$0		(4,417)
37 450 - LATE PAYMENT CHARGES	(\$269,273)	-\$575	-\$12		(269,860)
38			\$0		
39 TOTAL COMPANY	\$60,607,552	\$359,946	\$1,301	\$21,875,843	\$39,093,156
40 ANNUAL BOOKED KWH SALES	1,769,096,603	17,366,175	14,140		1,786,479,918
41 TOTAL ANNUAL BILLS	2,108,978	4,500	98	2,113,572	
42 MONTHLY BILLING DEMANDS					
43 METERS LOCATIONS @ 12/31/87	175,748	375	8	176,131	
44 PROPOSED CUSTOMER CHARGE				\$5.771	2.1883
45 MONTHLY ACCESS CHARGE				\$2.675	
				\$/BILL/MONTH	CENTS/KWH

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

OUTDOOR  
LIGHTING  
RATE 7 DST  
(4)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

RATE OF RETURN 9.84%

REVENUES REQUIRED

1	DEMAND COMPONENTS	\$79,310
2	DEMAND PRODUCTION	\$0
3	DEMAND TRANSMISSION	\$0
4	DEMAND TRANSMISSION OTHER	\$0
5	DEMAND TRANSM LOAD DISPATCHING	\$0
6	DEMAND DISTRIBUTION	\$79,310
7	DEMAND SUBTRANSMISSION	\$7,169
8	DEMAND SUBTRANSM SUBSTATIONS	\$5,260
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$0
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$10,824
11	DEMAND DISTRIBUTION PRIMARY	\$26,478
12	DEMAND DISTRIBUTION SECONDARY	\$14,886
13	DEMAND DISTRIB LOAD DISPATCHING	\$2,984
14	DEMAND DISTRIB ADD'L FACILITIES REV	\$0
15	DEMAND DISTRIBUTION TRANSFORMERS	\$11,708
16	DEMAND DISTRIBUTION SERVICES	\$0
17	ENERGY COMPONENTS	\$0
18	CUSTOMER COMPONENTS	\$669,486
19	370 - METERS SINGLE PHASE SEC	\$0
20	370 - METERS SECONDARY	(\$0)
21	370 - METERS PRIMARY	\$0
22	370 - METERS PRIMARY SUBSTATION	\$0
23	370 - METERS SUBTRANSMISSION	\$0
24	370 - METERS TRANSMISSION	\$0
25	902 - METER READING	\$0
26	903 - CUST RECORDS & COLL	\$0
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0
28	908 - CUSTOMER ASSISTANCE	\$0
29	909 - INFORMATION & INSTRUCT	\$0
30	CUSTOMER BLACK START	\$217
31	CUST MTR REG OBLIG	\$0
32	CUST METERS INSTR TRANSF	\$0
33	CUST SERVICES	\$0
34	373 - STR LIGHT & OUTDOOR LIGHT	\$669,269
35	CUSTOMER ADVANCES FOR CONSTR	\$0
36	CUSTOMER DEPOSITS	\$0
37	450 - LATE PAYMENT CHARGES	\$0
38		
39	TOTAL COMPANY	\$748,796
40	ANNUAL BOOKED KWH SALES	11,745,268
41	TOTAL ANNUAL BILLS	0
42	MONTHLY BILLING DEMANDS	0
43	METERS LOCATIONS @ 12/31/87	0

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

STREET  
LIGHTING  
RATE 29 DST  
(6)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

RATE OF RETURN 9.84%

REVENUES REQUIRED

1	DEMAND COMPONENTS	\$177,987
2	DEMAND PRODUCTION	\$0
3	DEMAND TRANSMISSION	\$0
4	DEMAND TRANSMISSION OTHER	\$0
5	DEMAND TRANSM LOAD DISPATCHING	\$0
6	DEMAND DISTRIBUTION	\$177,987
7	DEMAND SUBTRANSMISSION	\$18,089
8	DEMAND SUBTRANSM SUBSTATIONS	\$11,804
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$0
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$24,292
11	DEMAND DISTRIBUTION PRIMARY	\$59,422
12	DEMAND DISTRIBUTION SECONDARY	\$33,407
13	DEMAND DISTRIB LOAD DISPATCHING	\$6,697
14	DEMAND DISTRIB ADD'L FACILITIES REV	\$0
15	DEMAND DISTRIBUTION TRANSFORMERS	\$26,276
16	DEMAND DISTRIBUTION SERVICES	\$0
17	ENERGY COMPONENTS	\$0
18	CUSTOMER COMPONENTS	\$1,670,065
19	370 - METERS SINGLE PHASE SEC	\$0
20	370 - METERS SECONDARY	(\$0)
21	370 - METERS PRIMARY	\$0
22	370 - METERS PRIMARY SUBSTATION	\$0
23	370 - METERS SUBTRANSMISSION	\$0
24	370 - METERS TRANSMISSION	\$0
25	902 - METER READING	\$0
26	903 - CUST RECORDS & COLL	\$3,727
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0
28	908 - CUSTOMER ASSISTANCE	\$0
29	909 - INFORMATION & INSTRUCT	\$0
30	CUSTOMER BLACK START	\$302
31	CUST MTR REG OBLIG	\$0
32	CUST METERS INSTR TRANSF	\$0
33	CUST SERVICES	\$0
34	373 - STR LIGHT & OUTDOOR LIGHT	\$1,666,037
35	CUSTOMER ADVANCES FOR CONSTR	\$0
36	CUSTOMER DEPOSITS	\$0
37	450 - LATE PAYMENT CHARGES	\$0
38		
39	TOTAL COMPANY	\$1,848,052
40	ANNUAL BOOKED KWH SALES	26,358,742
41	TOTAL ANNUAL BILLS	1,152
42	MONTHLY BILLING DEMANDS	0
43	METERS LOCATIONS @ 12/31/97	0

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

ONLY USED TO SEPARATE THE COST FOR N-1 AND N-2

GENERAL  
SERV SECOND  
RATE 13 DST  
(7)-2

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

RATE OF RETURN		8.84%	DEMAND TOTAL RATE	MOVE TO N-1	MOVE TO N-2
REVENUES REQUIRED			SAMPLE CALC.	LESS THAN 5 KW	GREATER THAN 5 KW
1	DEMAND COMPONENTS	\$21,782,174			
2	DEMAND PRODUCTION	\$0			
3	DEMAND TRANSMISSION	\$0			
4	DEMAND TRANSMISSION OTHER	\$0			
5	DEMAND TRANSM LOAD DISPATCHING	\$0			
6	DEMAND DISTRIBUTION	\$21,782,174			
7	DEMAND SUBTRANSMISSION	\$1,628,011	1,628,011	134,883	1,493,128
8	DEMAND SUBTRANSM SUBSTATIONS	\$1,105,621	1,105,621	91,602	1,014,019
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$0		0	0
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$2,275,363	2,275,363	188,517	2,086,846
11	DEMAND DISTRIBUTION PRIMARY	\$9,804,240	9,804,240	812,298	8,991,944
12	DEMAND DISTRIBUTION SECONDARY	\$4,350,507	4,350,507	360,446	3,990,061
13	DEMAND DISTRIB LOAD DISPATCHING	\$157,293	157,293	13,032	144,261
14	DEMAND DISTRIB ADD'L FACILITIES REV	\$0		0	0
15	DEMAND DISTRIBUTION TRANSFORMERS	\$2,481,139	2,481,139	203,909	2,257,230
16	DEMAND DISTRIBUTION SERVICES	\$0	0	0	0
17	ENERGY COMPONENTS	\$0			
18	CUSTOMER COMPONENTS	\$2,299,003		0	
19	370 - METERS SINGLE PHASE SEC	\$315,770	315,770	114,227	201,543
20	370 - METERS SECONDARY	\$107,222	107,222	38,787	68,436
21	370 - METERS PRIMARY	\$0			
22	370 - METERS PRIMARY SUBSTATION	\$0			
23	370 - METERS SUBTRANSMISSION	\$0			
24	370 - METERS TRANSMISSION	\$0			
25	902 - METER READING	\$230,295	230,295	83,307	146,988
26	903 - CUST RECORDS & COLL	\$629,552	629,552	227,735	401,817
27	904 - UNCOLLECTIBLE ACCOUNTS	\$53,900	53,900	4,466	49,434
28	908 - CUSTOMER ASSISTANCE	\$249,848	249,848	90,360	159,487
29	909 - INFORMATION & INSTRUCT	\$0		0	
30	CUSTOMER BLACK START	\$15,798	15,798	5,715	10,083
31	CUST MTR REG OBLIG	\$355,971	355,971	128,770	227,202
32	CUST METERS INSTR TRANSF	\$0	0	0	0
33	CUST SERVICES	\$450,793	450,793	163,071	287,723
34	373 - STR LIGHT & OUTDOOR LIGHT	\$0		0	0
35	CUSTOMER ADVANCES FOR CONSTR	(\$76,066)	(76,066)	(6,302)	(69,764)
36	CUSTOMER DEPOSITS	(\$1,104)	(1,104)	(91)	(1,013)
37	450 - LATE PAYMENT CHARGES	(\$32,977)	(32,977)	(2,732)	(30,245)
38					
39	TOTAL COMPANY	\$24,081,177	\$24,081,177	\$2,652,017	\$21,429,160
40	ANNUAL BOOKED KWH SALES	619,104,040	619,104,040	59,280,097	559,843,943
41	TOTAL ANNUAL BILLS	184,592	184,592	70,392	124,200
42	MONTHLY BILLING DEMANDS	3,249,684		289,246	2,960,438
		18,216			
43	NCP DEMANDS		297291	24,631	272,660
44	CUSTOMER CHARGE (WITHOUT METERING COSTS)		0.0389	\$6.493	\$6.828
			CENTS/KWH		
45	MONTHLY ACCESS CHARGE	\$2.317		\$2.317	\$2.317
46	METERS LOCATIONS @ 12/31/97	16,216			
47	MONTHLY METERING CHARGE	\$422,992		\$/BILL/MONTH	

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

LIMITED  
OFF PEAK SEC  
RATE 22 DST RATE 13 DST  
(14)-3

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT LESS THAN 5 KW

N-1

RATE OF RETURN		9.84%	9.84%	DEVELOPMENT OF RATE	
REVENUES REQUIRED				CUSTOMER	ENERGY
1	DEMAND COMPONENTS	\$36,328			
2	DEMAND PRODUCTION	\$0			
3	DEMAND TRANSMISSION	\$0			
4	DEMAND TRANSMISSION OTHER	\$0			
5	DEMAND TRANSM LOAD DISPATCHING	\$0			
6	DEMAND DISTRIBUTION	\$36,328			
7	DEMAND SUBTRANSMISSION	\$2,163	\$134,883		137,046
8	DEMAND SUBTRANSM SUBSTATIONS	\$1,587	\$91,602		93,189
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$0	\$0		0
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$3,266	\$188,517		191,783
11	DEMAND DISTRIBUTION PRIMARY	\$7,989	\$812,296		820,285
12	DEMAND DISTRIBUTION SECONDARY	\$0	\$360,446		360,446
13	DEMAND DISTRIB LOAD DISPATCHING	\$900	\$13,032		13,932
14	DEMAND DISTRIB ADD'L FACILITIES REV	\$0	\$0		0
15	DEMAND DISTRIBUTION TRANSFORMERS	\$20,423	\$203,909		224,332
16	DEMAND DISTRIBUTION SERVICES	\$0	\$0		
17	ENERGY COMPONENTS	\$0	\$0		
18	CUSTOMER COMPONENTS	\$67,377	\$0		
19	370 - METERS SINGLE PHASE SEC	\$154	\$114,227	114,381	
20	370 - METERS SECONDARY	\$9,446	\$38,787	48,232	
21	370 - METERS PRIMARY	\$0	\$0	0	
22	370 - METERS PRIMARY SUBSTATION	\$0	\$0	0	
23	370 - METERS SUBTRANSMISSION	\$0	\$0	0	
24	370 - METERS TRANSMISSION	\$0	\$0	0	
25	902 - METER READING	\$3,105	\$83,307	86,412	
26	903 - CUST RECORDS & COLL	\$6,878	\$227,735	234,413	
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0	\$4,466	4,466	
28	908 - CUSTOMER ASSISTANCE	\$3,369	\$90,380	93,749	
29	909 - INFORMATION & INSTRUCT	\$0	\$0	0	
30	CUSTOMER BLACK START	\$131	\$5,715	5,846	
31	CUST MTR REG OBLIG	\$5,366	\$128,770	134,135	
32	CUST METERS INSTR TRANSF	\$34,978	\$0	34,978	
33	CUST SERVICES	\$4,501	\$163,071	167,572	
34	373 - STR LIGHT & OUTDOOR LIGHT	\$0	\$0	0	
35	CUSTOMER ADVANCES FOR CONSTR	\$0	-\$6,302		(6,302)
36	CUSTOMER DEPOSITS	\$0	-\$91		(91)
37	450 - LATE PAYMENT CHARGES	(\$350)	-\$2,732		(3,082)
38					
39	TOTAL COMPANY	\$103,706	\$2,652,017	\$924,184	\$1,831,539
			\$0		
40	ANNUAL BOOKED KWH SALES	3,543,882	59,260,097		62,803,979
41	TOTAL ANNUAL BILLS	2,064	70,392	72,456	
42	MONTHLY BILLING DEMANDS				
43					
44	CUSTOMER CHARGE			\$6.523	0.0292
45	MONTHLY ACCESS CHARGE			\$2.313	
				\$/BILL/MONTH	CENTS/KWH

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

INTERMEDIATE  
SERV SECOND  
RATE 21 DST  
(10)  
GENERAL  
SERV SECOND  
RATE 13 DST  
ROM RATE CALC  
GREATER THAN 5KW

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORM

RATE OF RETURN	9.84%	9.84%	N-2,3 DEVELOPMENT OF RATE		
			CUSTOMER	DEMAND LESS THAN 1000	DEMAND OVER 1000
REVENUES REQUIRED					
1 DEMAND COMPONENTS	\$504,050				
2 DEMAND PRODUCTION	\$0				
3 DEMAND TRANSMISSION	\$0				
4 DEMAND TRANSMISSION OTHER	\$0				
5 DEMAND TRANSM LOAD DISPATCHING	\$0				
6 DEMAND DISTRIBUTION	\$504,050				
7 DEMAND SUBTRANSMISSION	\$46,542	1,493,128		1,493,128	\$46,542
8 DEMAND SUBTRANSM SUBSTATIONS	\$31,608	1,014,019		1,014,019	\$31,608
9 DEMAND DIRECT ASSIGN SUBSTATIONS	\$0	0		0	\$0
10 DEMAND DISTR PRIMARY SUBSTATIONS	\$65,048	2,086,846		2,086,846	\$65,048
11 DEMAND DISTRIBUTION PRIMARY	\$280,285	8,991,944		8,991,944	\$280,285
12 DEMAND DISTRIBUTION SECONDARY	\$0	3,990,061		3,990,061	\$0
13 DEMAND DISTRIB LOAD DISPATCHING	\$11,018	144,281		144,281	\$11,018
14 DEMAND DISTRIB ADD'L FACILITIES REV	(\$811)	0		0	(\$811)
15 DEMAND DISTRIBUTION TRANSFORMERS	\$70,359	2,257,230		2,257,230	\$70,359
16 DEMAND DISTRIBUTION SERVICES	\$0	0		0	\$0
17 ENERGY COMPONENTS	\$0	0			
18 CUSTOMER COMPONENTS	\$83,201	0			
19 370 - METERS SINGLE PHASE SEC	\$0	201,543			
20 370 - METERS SECONDARY	\$5,807	68,436			
21 370 - METERS PRIMARY	\$0	0			
22 370 - METERS PRIMARY SUBSTATION	\$0	0			
23 370 - METERS SUBTRANSMISSION	\$0	0			
24 370 - METERS TRANSMISSION	\$0	0			
25 902 - METER READING	\$10,809	148,988			
26 903 - CUST RECORDS & COLL	\$17,643	401,817	419,461		
27 904 - UNCOLLECTIBLE ACCOUNTS	\$0	49,434	49,434		
28 908 - CUSTOMER ASSISTANCE	\$11,509	158,467	170,977		
29 908 - INFORMATION & INSTRUCT	\$0	0	0		
30 CUSTOMER BLACK START	\$452	10,063	10,535		
31 CUST MTR REG OBLIG	\$310	227,202	227,512		
32 CUST METERS INSTR TRANSF	\$3,203	0			
33 CUST SERVICES	\$14,115	287,723			
34 373 - STR LIGHT & OUTDOOR LIGHT	\$0	0		0	
35 CUSTOMER ADVANCES FOR CONSTR	\$0	-69,764		-69,764	\$0
36 CUSTOMER DEPOSITS	\$0	-1,013		-1,013	\$0
37 450 - LATE PAYMENT CHARGES	(\$247)	-30,245		-30,245	(\$247)
38		0			
39 TOTAL COMPANY	\$567,251	21,429,160	\$877,918	\$19,876,467	\$503,803
40 ANNUAL BOOKED KWH SALES	43,368,239	559,843,943			
41 TOTAL ANNUAL BILLS	132	124,200	124,332		
42 BILLING DEMANDS	91,794	2,980,438		2,980,438	91,794
43 CUSTOMER CHARGE (WITHOUT METERING COSTS)			\$7.061	\$6.67	\$5.49
44 MONTHLY ACCESS CHARGE				\$2.317	\$106.935
45 MONTHLY METERING CHARGE				\$2.17	\$42.45

\$/KW-MONTHLY BILLING



CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

INTERMEDIATE  
SERV PRIMARY  
RATE 21 DST  
(11)

GENERAL  
SERVICE PRI  
RATE 13 DST  
(8)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

N-4

RATE OF RETURN 9.84% 9.84% DEVELOPMENT OF RATE

REVENUES REQUIRED

CUSTOMER

DEMAND

1	DEMAND COMPONENTS	\$4,400,115	15,394,983		
2	DEMAND PRODUCTION	\$0	0		
3	DEMAND TRANSMISSION	\$0	0		
4	DEMAND TRANSMISSION OTHER	\$0	0		
5	DEMAND TRANSM LOAD DISPATCHING	\$0	0		
6	DEMAND DISTRIBUTION	\$4,400,115	15,394,983		19,795,089
7	DEMAND SUBTRANSMISSION	\$471,349	1,448,229		1,919,578
8	DEMAND SUBTRANSM SUBSTATIONS	\$320,104	983,527		1,303,631
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$23,576	91,305		114,881
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$606,713	1,989,182		2,595,875
11	DEMAND DISTRIBUTION PRIMARY	\$2,741,592	8,721,553		11,463,145
12	DEMAND DISTRIBUTION SECONDARY	\$0	0		0
13	DEMAND DISTRIB LOAD DISPATCHING	\$131,635	285,055		396,690
14	DEMAND DISTRIB ADD'L FACILITIES REV	(\$31,769)	(113,275)		(145,044)
15	DEMAND DISTRIBUTION TRANSFORMERS	\$136,914	2,009,428		0
16	DEMAND DISTRIBUTION SERVICES	\$0	0		0
17	ENERGY COMPONENTS	\$0	0		
18	CUSTOMER COMPONENTS	\$328,835	1,362,985		
19	370 - METERS SINGLE PHASE SEC	\$0	0		
20	370 - METERS SECONDARY	\$14,233	263,844		
21	370 - METERS PRIMARY	\$15,527	3,537		
22	370 - METERS PRIMARY SUBSTATION	\$0	0		
23	370 - METERS SUBTRANSMISSION	\$0	0		
24	370 - METERS TRANSMISSION	\$0	0		
25	902 - METER READING	\$56,307	88,732	145,039	
26	903 - CUST RECORDS & COLL	\$93,747	245,214	338,961	
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0	0	0	
28	908 - CUSTOMER ASSISTANCE	\$61,088	96,266	157,354	
29	909 - INFORMATION & INSTRUCT	\$0	0	0	
30	CUSTOMER BLACK START	\$4,574	14,054	18,627	
31	CUST MTR REG OBLIG	\$1,846	143,972	145,617	
32	CUST METERS INSTR TRANSF	\$83,085	549,381	632,465	
33	CUST SERVICES	\$0	0	0	0
34	373 - STR LIGHT & OUTDOOR LIGHT	\$0	0		
35	CUSTOMER ADVANCES FOR CONSTR	\$0	(29,308)		(29,308)
36	CUSTOMER DEPOSITS	\$0	(0)		(0)
37	450 - LATE PAYMENT CHARGES	(\$1,371)	(12,706)		(14,077)
38		0	0		0
39	TOTAL COMPANY	\$4,728,950	18,757,989	\$1,438,064	\$37,400,471
40	ANNUAL BOOKED KWH SALES	531,100,688	1,046,715,895		
41	TOTAL ANNUAL BILLS	732	74,978	75,708	
42	BILLING DEMANDS	1,042,249	5,852,251		6,694,500
43	CUSTOMER CHARGE (WITHOUT METERING COSTS)	69	6,246	\$8.725	\$6.59
44	MONTHLY ACCESS CHARGE			\$0.000	
45	MONTHLY METERING CHARGE	40.66	3.67	\$0.96	
	MONTHLY FACILITY CHARGE	2,146,342		\$/BILL/MONTH 0.32 \$/Kw	

\$/KW-BILLING

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

INTERMEDIATE  
SERV SUBTRNS  
RATE 21 DST  
(12)  
CONTRACT  
SUBTRANSM  
RATE 32 DST  
(17)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

RATE OF RETURN 9.84% 9.84%

REVENUES REQUIRED

N-6  
DEVELOPMENT OF RATE

CUSTOMER DEMAND

1	DEMAND COMPONENTS	\$1,084,020	\$56,776		
2	DEMAND PRODUCTION	\$0	\$0		
3	DEMAND TRANSMISSION	\$0	\$0		
4	DEMAND TRANSMISSION OTHER	\$0	\$0		
5	DEMAND TRANSM LOAD DISPATCHING	\$0	\$0		
6	DEMAND DISTRIBUTION	\$1,084,020	\$56,776		
7	DEMAND SUBTRANSMISSION	\$387,378	\$48,480		\$435,858
8	DEMAND SUBTRANSM SUBSTATIONS	\$0	\$0		\$0
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$581,816	\$0		\$0
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$0	\$0		\$0
11	DEMAND DISTRIBUTION PRIMARY	\$0	\$0		\$0
12	DEMAND DISTRIBUTION SECONDARY	\$0	\$0		\$0
13	DEMAND DISTRIB LOAD DISPATCHING	\$118,477	\$8,285		\$126,773
14	DEMAND DISTRIB ADD'L FACILITIES REV	(\$3,651)	\$0		(\$3,651)
15	DEMAND DISTRIBUTION TRANSFORMERS	(\$0)	\$0		(\$0)
16	DEMAND DISTRIBUTION SERVICES	(\$0)	\$0		
17	ENERGY COMPONENTS	\$0	\$0		
18	CUSTOMER COMPONENTS	\$116,769	\$6,070		
19	370 - METERS SINGLE PHASE SEC	(\$0)	\$0		
20	370 - METERS SECONDARY	\$863	\$0	863	
21	370 - METERS PRIMARY	\$0	\$0	0	
22	370 - METERS PRIMARY SUBSTATION	\$6,470	\$431	6,901	
23	370 - METERS SUBTRANSMISSION	\$863	\$0	863	
24	370 - METERS TRANSMISSION	\$0	\$0	0	
25	902 - METER READING	\$15,505	\$815	16,320	
26	903 - CUST RECORDS & COLL	\$25,822	\$1,383	27,185	
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0	\$0	0	
28	908 - CUSTOMER ASSISTANCE	\$16,821	\$884	17,706	
29	909 - INFORMATION & INSTRUCT	\$0	\$0	0	
30	CUSTOMER BLACK START	\$3,759	\$470	4,230	
31	CUST MTR REG OBLIG	\$453	\$24	477	
32	CUST METERS INSTR TRANSF	\$46,214	\$2,082	48,296	
33	CUST SERVICES	\$0	\$0		
34	373 - STR LIGHT & OUTDOOR LIGHT	\$0	\$0		
35	CUSTOMER ADVANCES FOR CONSTR	\$0	\$0		0
36	CUSTOMER DEPOSITS	\$0	\$0		0
37	450 - LATE PAYMENT CHARGES	\$0	\$0		0
38					
39	TOTAL COMPANY	\$1,200,788	\$82,846	\$122,839	\$558,980
40	ANNUAL BOOKED KWH SALES	482,876,641	33,886,878		
41	TOTAL ANNUAL BILLS	204	12	204	
42	BILLING DEMANDS	893,452	125,917		1,019,369
43	CUSTOMER CHARGE (WITHOUT METERING COSTS)			\$243.125	\$0.55
44	MONTHLY METERING CHARGE (subtransmission)				
45	MONTHLY FACILITIES CHARGE (subtransmission)	\$581,816		\$0.57	

\$/BILL/MONTH

\$/KW-BILLING

CENTRAL ILLINOIS LIGHT COMPANY

Rate Design

ISO  
TRANSMISSION  
CHARGES

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

RATE OF RETURN 9.84%

REVENUES REQUIRED

ISO Trans  
DEVELOPMENT OF RATE

CUSTOMER DEMAND

1	DEMAND COMPONENTS	\$745,505		
2	DEMAND PRODUCTION	\$0		
3	DEMAND TRANSMISSION	\$0		
4	DEMAND TRANSMISSION OTHER	\$0		
5	DEMAND TRANSM LOAD DISPATCHING	\$0		
6	DEMAND DISTRIBUTION	\$745,505		
7	DEMAND SUBTRANSMISSION	\$0		
8	DEMAND SUBTRANSM SUBSTATIONS	(\$0)		
9	DEMAND DIRECT ASSIGN SUBSTATIONS	\$745,505		
10	DEMAND DISTR PRIMARY SUBSTATIONS	\$0		
11	DEMAND DISTRIBUTION PRIMARY	\$0		
12	DEMAND DISTRIBUTION SECONDARY	\$0		
13	DEMAND DISTRIB LOAD DISPATCHING	\$0		0
14	DEMAND DISTRIB ADD'L FACILITIES REV	\$0		
15	DEMAND DISTRIBUTION TRANSFORMERS	\$0		
16	DEMAND DISTRIBUTION SERVICES	\$0		0
17	ENERGY COMPONENTS	\$0		
18	CUSTOMER COMPONENTS	\$110,764		
19	370 - METERS SINGLE PHASE SEC	\$0		
20	370 - METERS SECONDARY	\$0		
21	370 - METERS PRIMARY	\$0		
22	370 - METERS PRIMARY SUBSTATION	\$0		
23	370 - METERS SUBTRANSMISSION	\$0		
24	370 - METERS TRANSMISSION	\$2,157		
25	902 - METER READING	\$4,079		
26	903 - CUST RECORDS & COLL	\$6,777	6,777	
27	904 - UNCOLLECTIBLE ACCOUNTS	\$0	\$0	
28	906 - CUSTOMER ASSISTANCE	\$4,428	4,428	
29	909 - INFORMATION & INSTRUCT	\$0	\$0	
30	CUSTOMER BLACK START	\$13,325	\$13,325	
31	CUST MTR REG OBLIG	\$119	\$119	
32	CUST METERS INSTR TRANSF	\$79,681		
33	CUST SERVICES	\$0		\$0
34	373 - STR LIGHT & OUTDOOR LIGHT	\$0		
35	CUSTOMER ADVANCES FOR CONSTR	\$0		0
36	CUSTOMER DEPOSITS	\$0		0
37	450 - LATE PAYMENT CHARGES	\$0		0
38		\$0		
39	TOTAL COMPANY	\$856,289	\$24,647	\$0
		\$0		
40	ANNUAL BOOKED KWH SALES	1,497,054,668		
41	TOTAL ANNUAL BILLS	48	48	
42	BILLING DEMANDS	3,274,662		
44	CUSTOMER CHARGE (WITHOUT METERING COSTS)		\$513.48	\$0.00
			\$/BILL/MONTH	\$/KW-BILLING
44	METERS LOCATIONS @ 12/31/97	5	5	
		From Company	From MSP	
45	MONTHLY METERING CHARGE (transmission)	\$1,435.28	\$1,331.35	
46				
47				
48	MONTHLY FACILITIES CHARGE (SUBSTATIONS)	\$745,505	3,274,662 KW	\$0.23
49	MONTHLY FACILITIES CHARGE (LINE TRANSFORMERS)	\$0	0 KW	